

Applicant : Lily Ka-Lai Cheng
Application No. : 10/532,977
Page No. : 4

IN THE ABSTRACT

Please delete the current Abstract in its entirety and substitute the following therefor:

A unit for transferring power in an inductive manner to at least one power-receiving device, and a system comprising such a unit and such a device. The unit includes at least one coil structure configured to allow various degrees of translational and rotational freedom of movement of the power-receiving device relative thereto. This provides increased ease of use, since it is not necessary for a user to place the power-receiving device in mechanical or other registration with the unit.

The following is the substitute Abstract with markings showing all the changes relative to the immediately prior version of the Abstract of record:

A unit for transferring power in an inductive manner to at least one power-receiving device, and a system comprising such a unit and such a device. The unit includes at least one coil structure configured to allow various degrees of translational and rotational freedom of movement of the power-receiving device relative thereto. This provides increased ease of use, since it is not necessary for a user to place the power-receiving device in mechanical or other registration with the unit.

~~There is disclosed a system and method for transferring power without requiring direct electrical conductive contacts. There is provided a primary unit having a power supply and a substantially laminar charging surface having at least one conductor that generates an electromagnetic field when a current flows therethrough and having a charging area defined within a perimeter of the surface, the at least one conductor being arranged such that electromagnetic field lines generated by the at least one conductor are substantially parallel to the plane of the surface or at least subtend an angle of 45° or less to the surface within the charging area; and at least one secondary device including at least one conductor that may be wound about a core. Because the electromagnetic field is spread~~

Applicant : Lily Ka-Lai Cheng
Application No. : 10/532,977
Page No. : 5

~~over the charging area and is generally parallel or near parallel thereto, coupling with flat secondary devices such as mobile telephones and the like is significantly improved in various orientations thereof.~~